

TABLE II—Continued

REFERENCES TO AREA, AGGREGATE AREA, LENGTH OR AGGREGATE LENGTH ARE BASED ON A TOMATO HAVING A DIAMETER OF 2½ INCHES (64 MM)¹

[See footnote at end of Table II]

Factor	Damage	Serious damage	Very serious damage
Growth cracks (radiating from or concentric to stem scar).	Not well healed, more than ¼ inch (3 mm) in depth, individual radial cracks more than ½ inch (13 mm) in length, aggregate length of all radial cracks more than 1 inch (25 mm) measured from edge of stem scar. Any lot of tomatoes which are at least turning may have cracks which are not well healed provided they are not leaking.	Not well healed, more than ¼ inch (3 mm) in depth, individual radial cracks more than ¾ inch (19 mm) in length, aggregate length of all radial cracks more than 1¾ inches (44 mm) measured from edge of stem scar. Any lot of tomatoes which are at least turning may have cracks which are not well healed provided they are not leaking.	Not well healed, more than ¼ inch (6 mm) in depth, individual radial cracks more than 1 inch (25 mm) in length, aggregate length of all radial cracks more than 2⅞ inches (73 mm) measured from edge of stem scar. Any lot of tomatoes which are at least turning may have cracks which are not well healed provided they are not leaking, not more than ⅛ inch (3 mm) in depth, individual radial cracks are not more than ¾ inch (19 mm) in length.
Hail	Deep, rough, not well healed and corked over, or fairly smooth, shallow hailmarks aggregating more than a circle ⅝ inch (10 mm) in diameter.	Deep, rough, not well healed and corked over, or fairly smooth, shallow hailmarks aggregating more than a circle ⅝ inch (16 mm) in diameter.	Fresh, very deep or fairly smooth, shallow hailmarks aggregating more than a circle 1 inch (25 mm) in diameter.
Insect injury	Materially detracts from the appearance of any insect is present in the fruit.	Seriously detracts from the appearance of any insect is present in the fruit.	Very seriously detracts from the appearance of any insect is present in the fruit.

¹ Conversion to metric equivalent, made to nearest whole millimeter.

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Subpart—United States Consumer Standards for Fresh Tomatoes

SOURCE: 18 FR 7144, Nov. 11, 1953, unless otherwise noted. Redesignated at 42 FR 32514, June 27, 1977, and further redesignated at 46 FR 63203, Dec. 31, 1981.

GENERAL

§ 51.1900 General.

These standards apply only to fieldgrown tomatoes and not to tomatoes grown in greenhouses.

GRADES

§ 51.1901 U.S. Grade A.

U.S. Grade A shall consist of tomatoes of similar varietal characteristics which are mature and are at least turning (see §51.1904), but are not overripe or soft which are well developed, at least fairly well formed, fairly smooth, free from soft rot, freezing injury, and from damage caused by dirt, bruises, cuts, shriveling, sunscald, sunburn, puffiness, catfaces, growth cracks, scars, dry rot, other diseases, insects,

hail, or mechanical or other means. Tomatoes on the shown face shall be reasonably representative in size and quality of the contents of the container. (See §51.1903.)

(a) Incident to proper grading and handling, except for maturity, not more than 5 percent, by count, of the tomatoes in any lot may fail to meet the requirements of the grade, including not more than 1 percent for tomatoes which are affected by soft rot.

§ 51.1902 U.S. Grade B.

U.S. Grade B shall consist of tomatoes of similar varietal characteristics which are mature and are at least turning (see §51.1904), but are not overripe or soft and not badly misshapen; which are free from soft rot, freezing injury and from serious damage caused by dirt, bruises, cuts, shriveling, sunscald, sunburn, puffiness, catfaces, growth cracks, scars, dry rot, other diseases, insects hail, or mechanical or other means Tomatoes on the shown face shall be reasonably representative in

§ 51.1903

size and quality of the contents of the container. (See § 51.1903.)

(a) Incident to proper grading and handling, except for maturity, not more than 5 percent, by count, of the tomatoes in any lot may fail to meet the requirements of the grade, including not more than 1 percent for tomatoes which are affected by soft rot.

SIZE AND MATURITY CLASSIFICATION

§ 51.1903 Size classification.

The following terms may be used for describing the size of the tomatoes in any lot:

Small	Medium
Under 3 oz	3 to 6 oz., inc.
Large	Very Large
Over 6 to 10 oz., inc	Over 10 oz.

(a) The tomatoes may also be classed in terms of combinations of the above sizes, as "Small to Medium," "Medium to Large," "Small to Very Large," etc., in accordance with the facts.

(b) Incident to proper sizing, not more than 10 percent, by count, of the tomatoes in any lot may vary from the size specified.

§ 51.1904 Maturity classification.

Tomatoes which are characteristically red when ripe, but are not over-ripe or soft, may be classified for maturity as follows:

(a) Turning, when at least some part of the surface of the tomato, but less than one-half of the surface in the aggregate, is covered with pink color.

(b) Pink, when the tomato shows from one-half to three-fourths of the surface in the aggregate covered with pink or red color.

(c) Hard ripe, when the tomato shows three-fourths or more of the surface in the aggregate covered with pink or red color.

(d) Firm ripe, when the tomato shows three-fourths or more of the surface in the aggregate covered with red color characteristic of reasonably well ripened tomatoes.

(e) Incident to proper maturity determination, not more than a total of 10 percent, by count, of the tomatoes in any lot may fail to meet the maturity specified: *Provided*, That not more than

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5 percent shall be allowed for tomatoes which are immature or are overripe or soft.

OFF-GRADE

§ 51.1905 Off-Grade tomatoes.

Tomatoes which fail to meet the requirements of either of the foregoing grades shall be Off-Grade tomatoes.

DEFINITIONS

§ 51.1906 Similar varietal characteristics.

Similar varietal characteristics means that the tomatoes are alike as to color, i.e., bright red varieties shall not be mixed with varieties which have a purplish tinge.

§ 51.1907 Mature.

Mature means that the tomato has reached the stage of development which will insure a proper completion of the ripening process.

§ 51.1908 Well developed.

Well developed means that the tomato shows normal growth. Tomatoes which are ridged and peaked at the stem end, contain dry tissue and usually open spaces, are not considered well developed.

§ 51.1909 Fairly well formed.

Fairly well formed means that the tomato is not decidedly kidney-shaped, lopsided, elongated, angular, or otherwise deformed.

§ 51.1910 Fairly smooth.

Fairly smooth means that the tomato is not conspicuously ridged or rough.

§ 51.1911 Damaged.

Damaged means any defect which materially affects the appearance, or edible, shipping or keeping quality of the tomatoes. Any one of the following defects or any combination thereof, the seriousness of which exceeds the maximum allowed for any one defect, shall be considered as damage:

(a) Cuts which are not shallow, not well healed, or when more than ½ inch in length.

(b) Puffiness if the open space in one or more locules materially affects the